

Listing of Claims:

This listing of claims reflects all claim amendments and replaces all prior versions, and listings, of claims in the application. Material to be inserted is in underline, and material to be deleted is in ~~strikeout~~ or (if the deletion is of five or fewer consecutive characters or would be difficult to see) in double brackets [[]]. Any cancellations are without prejudice.

1-3. (Canceled)

4. (Currently amended) ~~The oil cooler according to Claim 2, further comprising:
an oil filter attaching and detaching portion configured to removably attach an oil filter of the
engine on the first cover member;~~

~~wherein an oil hole is formed in the first cover member in the vicinity of the oil filter
attaching and detaching portion to allow the oil filter and the oil passage to communicate with
each other with the oil filter attached on the first cover member.~~

An oil cooler of an engine for a small watercraft, comprising:

a first cooling portion including a passage forming plate provided with grooves
respectively formed on one face thereof and an opposite face thereof, a first cover member
and a second cover member stacked on the passage forming plate and configured to
respectively cover the grooves, an oil passage formed by covering the groove formed on the
one face of the passage forming plate with the first cover member, and a coolant passage
formed by covering the groove formed on the opposite face of the passage forming plate
with the second cover member;

a mounting bolt by which the first cooling portion is removably mountable on an outer wall face of the engine; and

an oil filter mounted on an outer wall face of the first cover member;

wherein the first cover member is provided with a first oil hole through which the oil passage of the first cooling portion and the oil filter communicate with each other, and the second cover member is provided with a second oil hole through which the oil passage of the first cooling portion and an oil passage formed within the engine communicate with each other.

5. (Currently amended) The oil cooler according to Claim 4, wherein an oil[[-]] receiving portion which is configured to receive oil that leaks out when the oil filter is removed from the first cooling portion of the oil cooler is provided on the first cover member ~~in the vicinity of the oil filter attaching and detaching portion~~ and below the attached oil filter.

6. (Currently amended) The oil cooler according to Claim 5, wherein the oil[[-]] receiving portion is plate shaped and is configured to extend from the first cover member along a center axis of the oil filter so as to surround a lower portion of the oil filter.

7. (Currently amended) The oil cooler according to Claim 4, further comprising:
an adapter configured to allow the oil passage of the oil cooler first cooling portion to communicate with ~~another oil cooler~~ a second cooling portion which is configured to cool oil together with the first cooling portion;

wherein the adapter is provided between the oil filter and the first cover member.

8. (Currently amended) The oil cooler according to Claim 7, ~~wherein the adapter is removably attached on the first cover member by means of a tubular mounting bolt of the oil cooler~~

wherein the mounting bolt is tubular and is structured such that one end portion thereof protrudes outward from the first cover member to form a screw portion with which the oil filter threadedly engages, and the adapter is removably mountable to the mounting bolt between the first cover member and the oil filter.

9. (Currently amended) ~~[[The]]~~An oil cooler according to Claim 1, further of an engine for a small watercraft comprising:

a mounting portion configured to mount the oil cooler on an outer wall face of the engine;

oil passages configured to allow oil to flow therethrough; and
coolant passages through which coolant for cooling the oil flows, wherein the oil cooler is capable of being disassembled such that an inside of at least the coolant passage is exposed;

a plurality of passage forming plates each provided with a groove on at least one face thereof;

wherein the passage forming plates are removably disposed to have a layered structure~~[[,]]~~ and are comprised of oil passage forming plates forming the oil passages and coolant passage forming plates forming the coolant passages, the oil passages and the coolant passages being alternately disposed to have a layered structure, the oil passages and

the coolant passages being [[are]] each formed by the groove between the passage forming plates.

10-13. (Canceled)

14. (Currently amended) ~~The oil cooler according to Claim 12, further comprising:
an oil filter attaching and detaching portion configured to removably attach an oil filter of the
engine on the first cover member;~~

~~wherein an oil hole is formed in the first cover member in the vicinity of the oil filter
attaching and detaching portion to allow the oil filter and the oil passage to communicate with
each other with the oil filter attached on the first cover member.~~

An oil cooler of an engine for a small watercraft, comprising:

**a first cooling portion including a passage forming plate provided with a groove
formed on one face thereof, a first cover member stacked on the passage forming plate and
configured to cover the groove, an oil passage formed by covering the groove of the passage
forming plate with the first cover member, and a coolant passage formed between an
opposite face of the passage forming plate and an outer wall face of the engine which is
connected with the opposite face of the passage forming plate;**

**a mounting bolt by which the first cooling portion is removably mountable on the
outer wall face of the engine; and**

an oil filter mounted on the outer wall face of the first cover member;

**wherein the first cover member is provided with a first oil hole through which the
oil passage of the first cooling portion communicates with the oil filter.**

15. (Currently amended) The oil cooler according to Claim 14, further comprising:
an adapter configured to allow the oil passage of the oil cooler first cooling portion to communicate with ~~another oil cooler~~ a second cooling portion configured to cool the oil together with the first cooling portion, wherein the adapter is provided between the oil filter and the first cover member on the oil passage side.

16-19. (Canceled)

20. (Currently amended) ~~The small watercraft according to claim 16, wherein an oil gallery is formed within a wall portion of the crankcase of the engine to allow the oil to flow therethrough, and the oil cooler includes an oil passage through which the oil flows, and a coolant passage through which coolant for cooling the oil flows, and at least part of the coolant passage is comprised of the outer wall face of the crankcase in the vicinity of the oil gallery.~~

A small watercraft comprising:

an engine configured to drive a propulsion mechanism;

an air-intake pipe extending from a cylinder head of the engine; and

an oil cooler configured to cool oil that circulates within the engine;

wherein the air-intake pipe extends from the cylinder head to a lateral side of a crankcase of the engine to have a space between the air-intake pipe and an outer wall face of the crankcase, and the oil cooler is mounted on the outer wall face within the space,

wherein the oil cooler includes:

a first cooling portion including a passage forming plate provided with a groove formed on one face thereof; a first cover member stacked on the passage forming plate and configured to cover the groove; an oil passage formed by covering the groove of the passage forming plate with the first cover member; and a coolant passage formed between an opposite face of the passage forming plate and an outer wall face of a crankcase which is connected with the opposite face of the passage forming plate and configured to extend along the outer wall face of the crankcase; and

a mounting bolt by which the first cooling portion is removably mountable on the outer wall face of the engine; and

wherein at least part of the coolant passage is formed in the vicinity of an oil gallery which is formed within a wall portion of the crankcase of the engine to extend along the outer wall face of the crankcase to thereby allow the oil to flow therethrough.

21. (Original) The small watercraft according to Claim 20, wherein a groove is formed on the outer wall face of the crankcase that partially forms the coolant passage.

22. (Currently amended) The small watercraft according to Claim ~~[[16]]~~20, being a personal watercraft comprising a water jet pump driven by the engine.

23. (New) The small watercraft according to Claim 20, wherein the first cover member is provided with a sensor attaching portion configured to attach a hydraulic pressure sensor and/or an oil temperature sensor.

24. (New) The oil cooler according to Claim 4, wherein the mounting bolt is tubular to have an inner passage through which the oil within the oil filter is guided to the oil passage of the engine, and is constructed such that one end portion thereof protrudes outward from the first cover member to form a first screw portion with which the oil filter threadedly engages and an opposite end portion thereof protrudes outward from the second cover member to form a second screw portion which threadedly engage with the outer wall face of the engine, and a flange portion is provided between the first screw portion and the second screw portion to thereby allow the first cooling portion to be secured to the outer wall face of the engine.

25. (New) The oil cooler according to Claim 4, wherein the first cover member is provided with a sensor attaching portion configured to attach a hydraulic pressure sensor and/or an oil temperature sensor.

26. (New) The oil cooler according to Claim 9, wherein
wherein a one of the passage forming plates that is located closest to the outer wall face of the engine is removably mounted on the outer wall face of the engine with a face thereof opposed to the outer wall face of the engine in contact with the outer wall face of the engine; and
wherein a part of the coolant passage is formed between the face of said one passage forming plate that is located closest to the outer wall face of the engine and the outer wall face of the engine.

27. (New) The oil cooler according to Claim 9, further comprising:

a first cooling portion including the passage forming plates which form the oil passages and coolant passages, and the passage forming plate located most distant from the outer wall face of the engine is covered with a cover member;

a mounting bolt by which the first cooling portion is mounted on the outer wall face of the engine; and

an oil filter mounted on an outer wall face of the cover member;

wherein the cover member is provided with a first oil hole through which the oil passage of the first cooling portion communicates with the oil filter.

28. (New) The oil cooler according to Claim 27, further comprising:

an adapter configured to allow the oil passage of the first cooling portion to communicate with a second cooling portion configured to cool the oil together with the first cooling portion;

wherein the adapter is provided between the oil filter and the cover member on the oil passage side.

29. (New) The oil cooler according to Claim 14,

wherein the passage forming plate is provided with a groove on the opposite face thereof which is opposed to the outer wall face of the engine, and the groove formed on the face of the passage forming plate is covered with the outer wall face of the engine.